



# **Town Of Clarkson Office of the Supervisor Pre-Disaster Mitigation Plan**

## **Appendix B – 2N**

### **Hazard Specific Analysis: Windstorm**

#### **Definition:**

“A storm with winds in excess of 55 mph accompanied by little or no precipitation.”<sup>1</sup> Windstorms are also defined “as an event with sustained wind speeds of 40 mph or greater lasting for 1 hour or longer, or winds of 58 mph or greater for any duration.”<sup>2</sup>

#### **Description:**

“This is a regular event in the Town Of Clarkson, and may result in cascade hazards, such as power failure and transportation events. This event can also cause death, serious injury, and property damage.”<sup>3</sup> Monroe County experiences Windstorms/Microbursts at least once per year. While these events generally pass without significant damage, there have been previous occurrences of loss of life, injury and structural damage. And, roads and waterways have been blocked due to fallen trees and debris. Frequency and potential intensity are factors in this hazards ranking of 2.

#### **Overview of specific hazard locations and the extent of the hazard:**

All or part of the Town Of Clarkson may be affected by Windstorms, however, these areas have been found to be most likely susceptible:

- ?? Structures, especially residences of less sustainable construction (i.e. mobile homes).
- ?? Parks, and other areas of dense forestation.
- ?? Trees
- ?? Utility lines and poles
- ?? High-rise buildings in the urban environment

#### **Previous occurrences of the hazard:**

Monroe County activated the EOC for wind related events in 1992, 1995, and 1998. Specific data is pending.

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1 HAZNY

2 NWS

3 HAZNY

**Probability of future occurrences and potential magnitude:**

Probability of future occurrences is likely. The magnitude of this event will be determined by the duration, intensity, and location of the storm, as well as the structures found within its path.

**Maps of hazard areas:**

Map is not required due to widespread geographic potential.

**Analysis of the impact on business, infrastructure & critical facilities:**

This event may cause:

- ?? Injury or death, but in limited numbers.
- ?? Damage to roads and highways, buildings and other structures
- ?? Cascade events, such as power failures.
- ?? Complicated emergency response (damage to vehicles, road obstruction, etc.)

**Specific information concerning estimated value (\$) of potential loss, damage to structures, casualties, etc:**

Specific data is pending.

**Notes on data limitations:**    None